

Exhibit 1: Project Location and Site Maps

Project title: Salmon Creek Fish Passage and Habitat Improvement Project

Salmonids benefited: Chinook ☒ Coho ☒ Steelhead ☒ Cutthroat ☒

Stream: Salmon Creek

Tributary to: Humboldt Bay

Major drainage system: Humboldt Bay

County: Humboldt

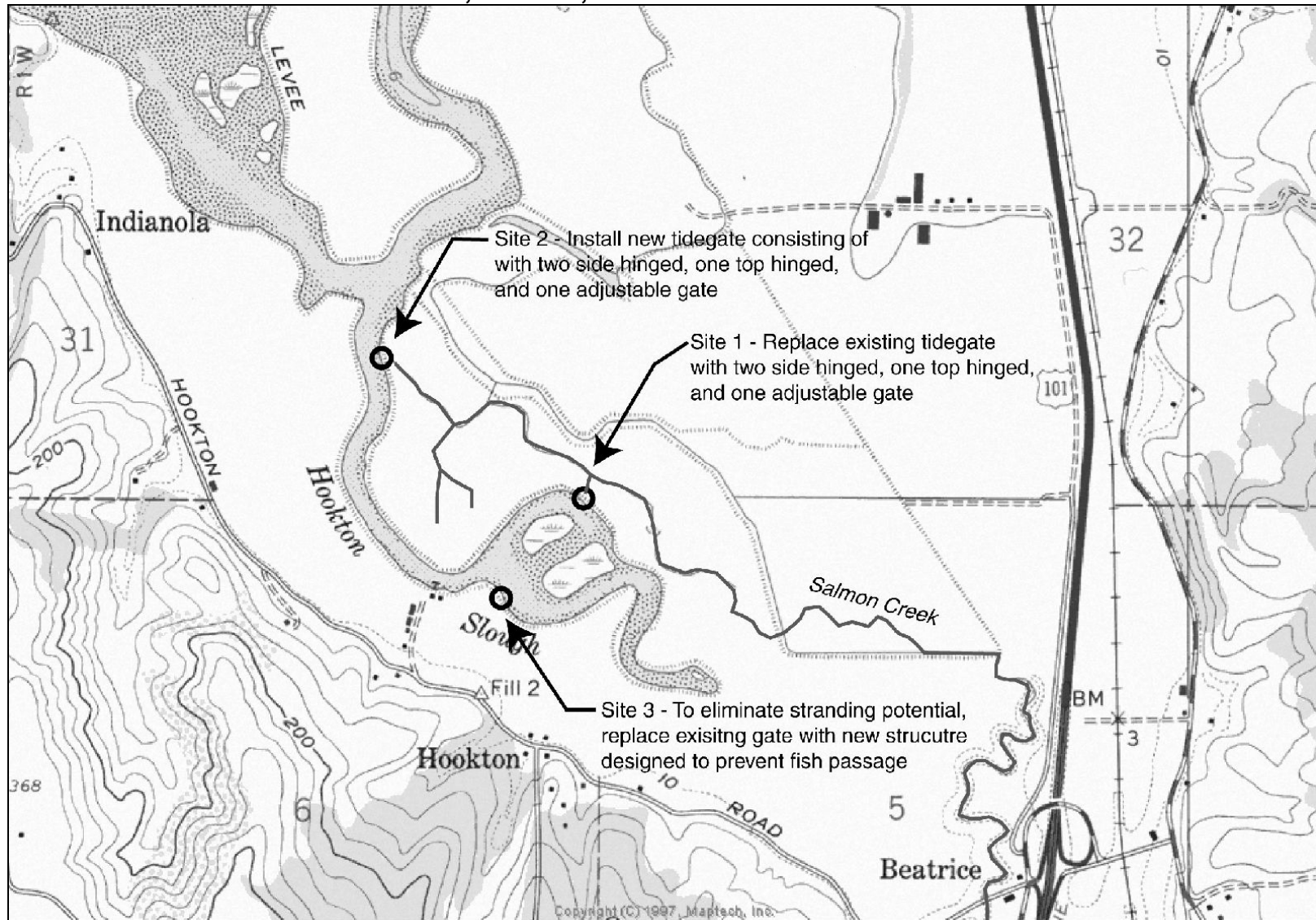
Project Location: T40N R1W Sections 31, 40
Lat / Long: 40.679021 N, 124.216195 W

Location description: Project is within the Salmon Creek Unit of the Humboldt Bay National Wildlife Refuge

Directions: Hookton Road exit off of State Highway 101, approximately 10 miles south of Eureka, CA. Take the frontage road into the refuge.

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**Salmon Creek Access and Habitat Improvement Project
Pacific Coast Fish, Wetland, and Watershed Restoration Association**



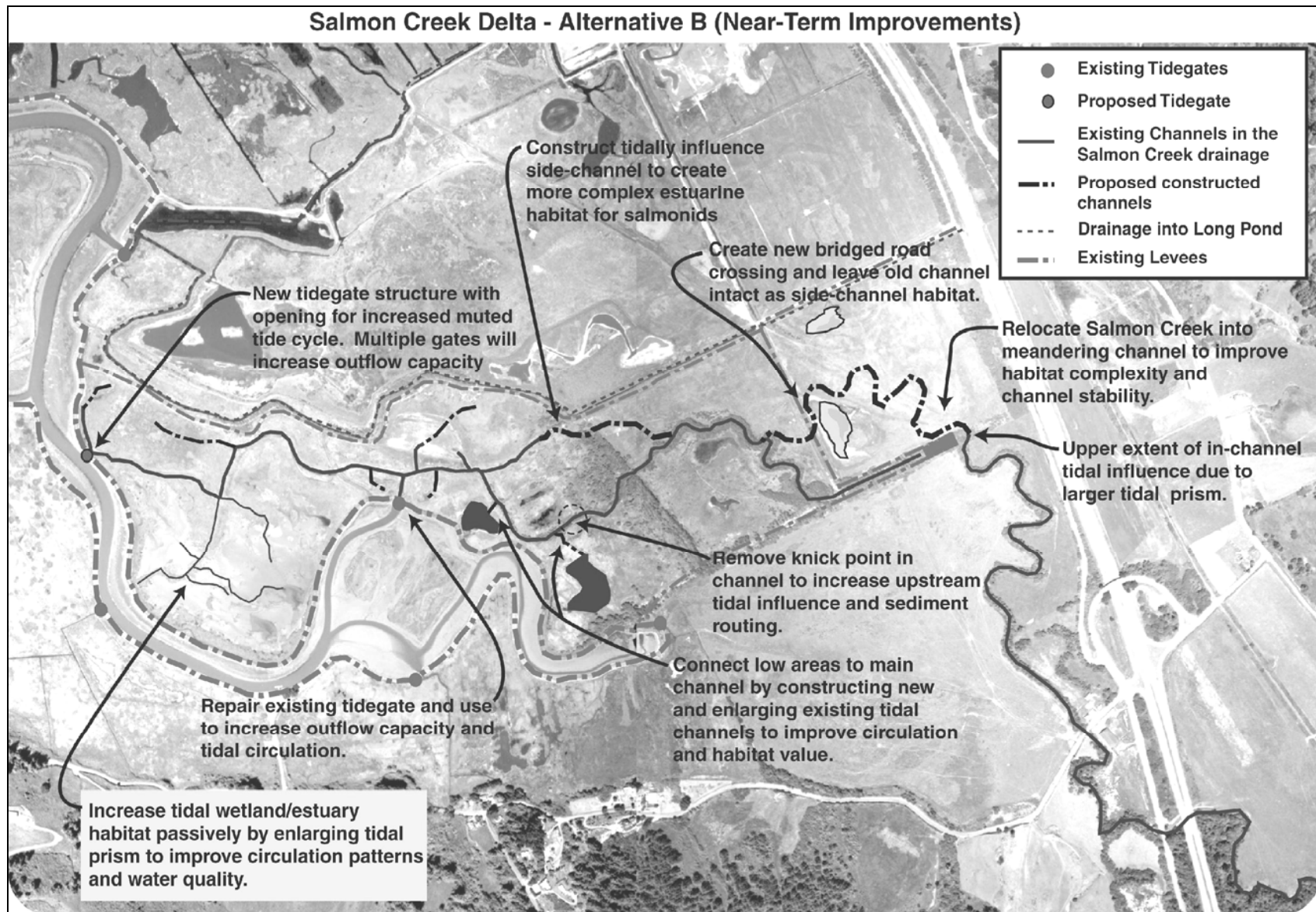
USGS 1:24,000 Topographic Map; Fields Landing Quadrangle, 1959 edition.

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Example of a “fish friendly” side hinged tidegate. Five foot diameter aluminium tidegates designed by Nehalem Marine. Picture taken December 3, 20002 at 4:35 pm. Coos Bay low tide, -1.4 feet at 6:59 pm. The side-hinge is 1 inch from being fully open. Field test have shown side-hinged gates convey 30% more flow and produce far lower exiting velocities.

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The preferred alternative resulting from the Salmon Creek Delta Restoration planning project. Replacement of the tidegates is the first step in restoring the estuary and improving access.

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Existing tidegate structure, located at the mouth of Salmon Creek as it drains into Hookton Slough